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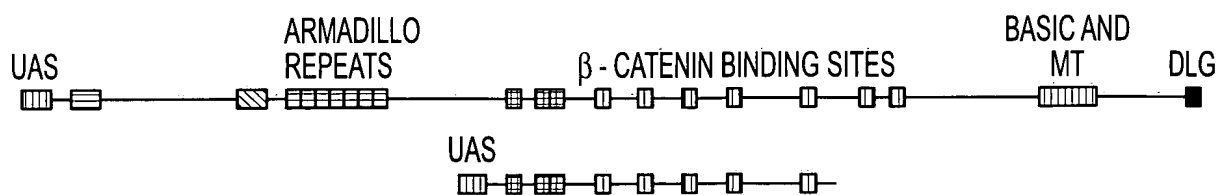
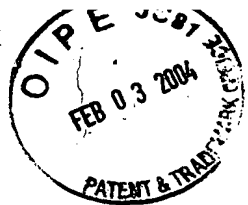


FIG. 1A

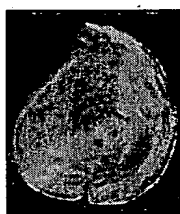


FIG. 1B



FIG. 1C



FIG. 1D

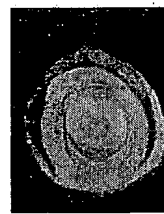


FIG. 1E

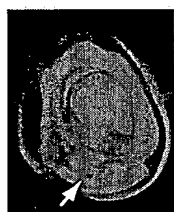


FIG. 1F



FIG. 1G



FIG. 1H

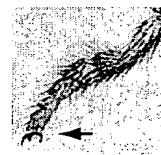


FIG. 1I



FIG. 1J



FIG. 1K

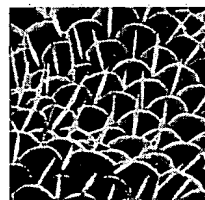
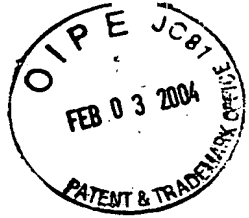


FIG. 1L



FIG. 1M



Title: IN VIVO ASSAY SYSTEM FOR
SCREENING AND VALIDATION OF
DRUGS AND OTHER SUBSTANCES
Inventor(s): Poonam BHANDARI et al.
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Replacement Sheet



FIG. 2A



FIG. 2B

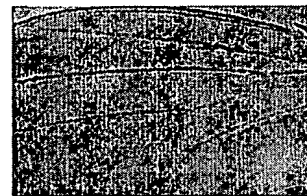


FIG. 2C



FIG. 2D

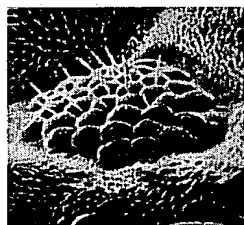


FIG. 2E

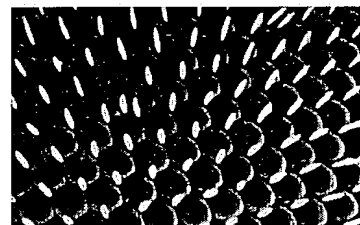


FIG. 2F



FIG. 2G

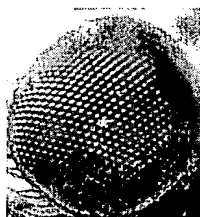


FIG. 2H

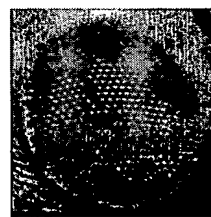


FIG. 2I

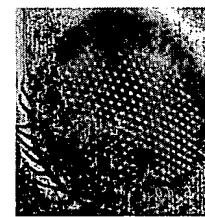


FIG. 2J

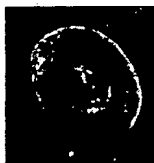
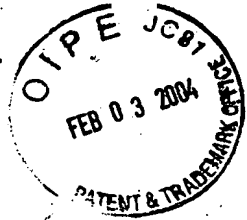


FIG. 3A



FIG. 3B



FIG. 3C

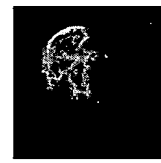


FIG. 3D



FIG. 3E

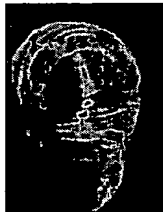


FIG. 3F



FIG. 3G



FIG. 3H



FIG. 3I



FIG. 3J



FIG. 3K



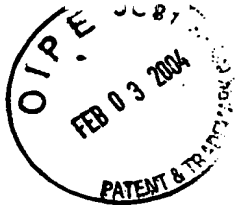
FIG. 3F1



FIG. 3G1



FIG. 3H1



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FIG. 4A

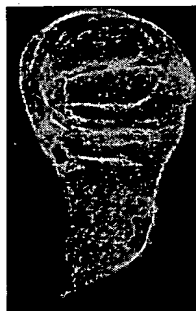


FIG. 4B

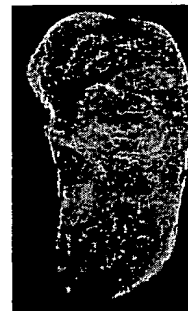


FIG. 4C

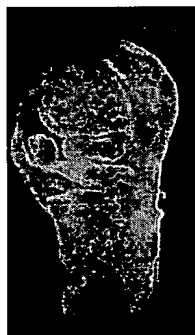


FIG. 4D

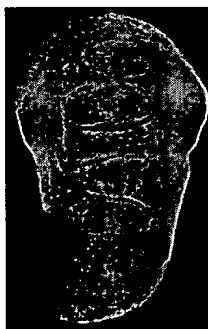


FIG. 4E

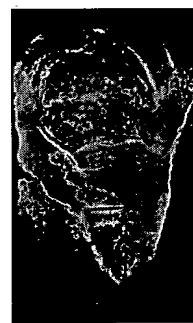
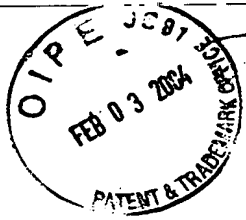


FIG. 4F



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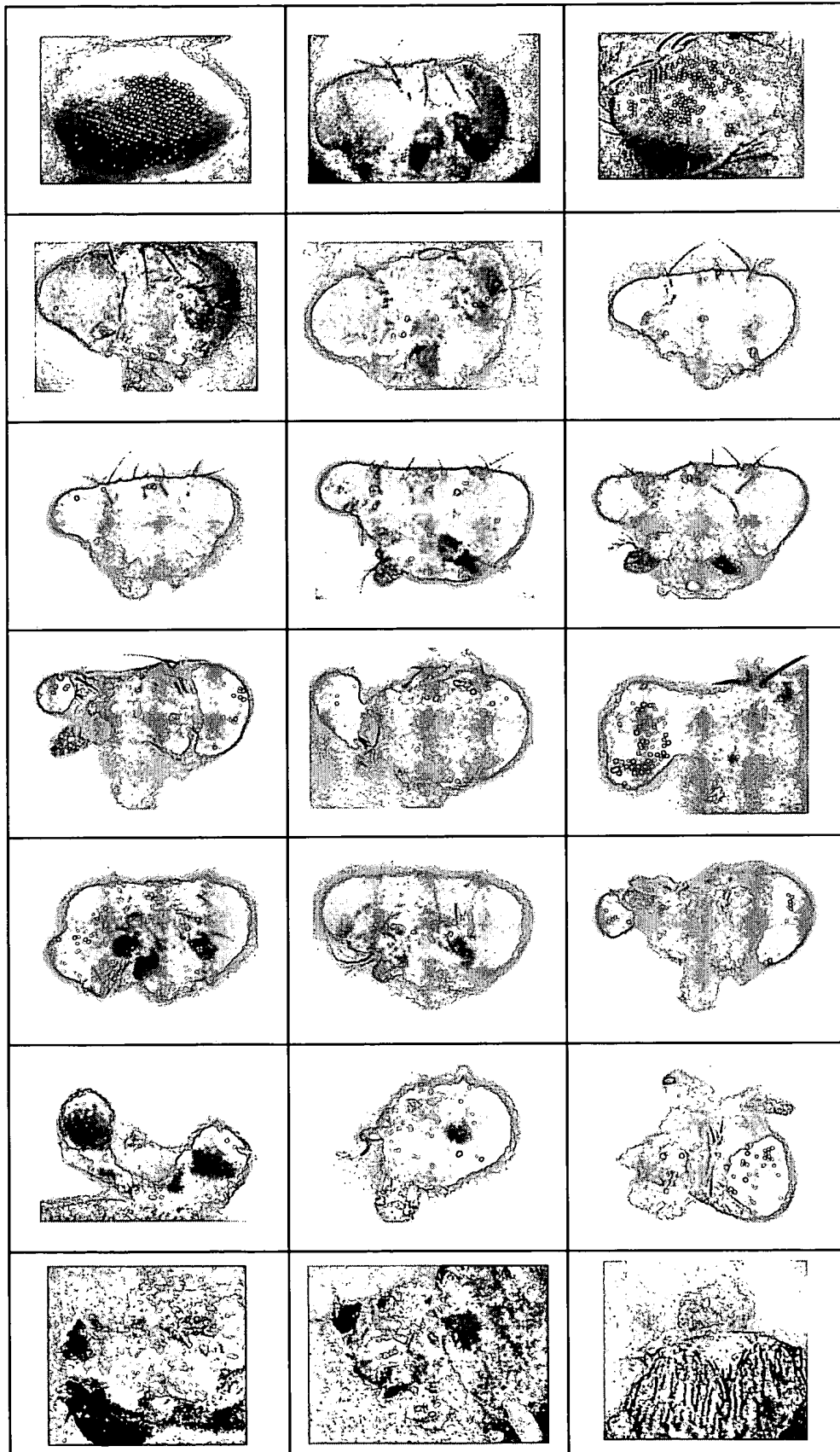


FIG. 5